CHAOUCHE Ahmed Yassine

/ S Y S / D E V /

SITUATION

Born Decembre 1982
Married, dad of 2
Lives in Algiers, Algeria (north africa)
INTJ / ISTP

CONTACT INFO

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CORE SKILLS

- Linux Desktop & Server
- command line tools
- Python and automation
- Analysis + Synthesis

BIO

I was born in 1982. That year saw the birth of Adobe systems, The comodor 64, E.T, Thriller, and the first version of SunOS.

I grew up surrounded by computers as my father was in the business. I learned my ABC on the keyboard at the age of 4. At the age of 5 I was running computer games from the command line.

the region. The simulation was made in Netlogo, a multi-agent modeling environement. While studying for my bachelor, I was also in charge of practicals (labs) for the C Language.

After graduating, I began an internship at nevraxx, author of the Ryzom MMORPG video game, as a python and zope developer, then got my first job in 2006 as a pyhon,

Zimbra Collaboration suite where I wrote "zimlets" (javascript code) to create embeddable zimbra buttons and menus to synchronize with Sugar CRM.

In 2014 I joined the Algerian Radio Broadcasting Company to work as a system administrator, both on linux and windows servers and machines, especially on the mail (800+ corporate mailboxes),
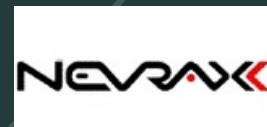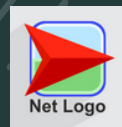
Fast forward 15 years, I am now at Paris 8 University in Saint-Denis, France, in the suburbs of Paris, where I'm pursuing my BSc in computer systems and networking.

My bachelor thesis was the modelisation and simulation of touristic activity in the mediterranean and its impact on the economy and the ecology of

zope and plone dev at the French chambers of commerce and industry, then at a web marketing agency named Kinoa.

In 2009 I returned to Algeria where I continued to work as a developer, mainly in python but also with other tools like Team Developer (windows), both for the web and for the desktop, as well as for the

cloud (nextcloud) and audio streaming servers, as well as FTP, DNS, NTP and other software that are peculiar to the business (Telpress, Netia).

I enjoy improving my command-line-fu w/ tools like bash, awk, sed, and jq.

ACADEMIA

Université Paris VIII, Saint-Denis

DEUG MIAS - 2003

General College Studies Diploma (DEUG) in Mathematics and Computing applied to sciences (MIAS)

BSC in IT - 2005

Systems and networks speciality

TRAININGS

2003 first aid | French Red Cross | Paris
2007 Introduction to SQL | French CCI | Paris
2010 infographics | Informal | Algiers
2012 OpenERP (now Odoo) | Kazacube | Casa Blanca
2013 Kaspersky Security Center | Feeder Algérie | Algiers
2015 Netia | Netia SA | Montpellier
2015 Active Directory | Halkorb | Tipaza
2016 MS SQL Server | IT Talents | Algiers
2017 Kaspersky Security Center | Unidees | Algiers
2019 Writing Statements of Work | Independent | Tipaza
2019 Kaspersky Security Center | Magicom | Algiers
2020 Public tenders | independent | Algiers
2021 The fundamentals of web marketing | singularity | Algiers
2023 Kaspersky Security Center & EDR | Magicom | Algiers

LANGUAGES

Native Arabic
Bilingual French
OK English I guess
3 words of Portuguese

CURRENT STACK

CAREER

Analyst / developer

Paris | 2006 - 2008

As a python specialist, i worked for the French Chamber of Commerce and Industry and Kinoa, a french web agency located in Paris. Frameworks : Zope+Plone and Nuxeo CMS.

Algiers | 2010 - 2014

I perfected my python developing skills while at AD Display, a national leader in the outdoors advertising sector, before joining Feeder Algeria, a Feeder Group subsidiary, a distributor for professional IT equipement, software and tools, where I was hired as a python / open erp developer, before switching to a javascript, Zimbra and Sugar CRM developer position.

System administrator

Algiers | 2014 - current

Currently a linux and windows system administrator at the Algerian Radio (public broadcasting company), in charge of e-mail, cloud, ftp, streaming, ntp, user support, monitoring, security (partial), printing, and Active Directory servers.

Web stack

nginx - apache - php - nextcloud
openssl - letsencrypt - certbot
HTML - CSS - Javascript - JQuery
Python 2 - glpi

DB stack

- postgres
- mariadb
- sqlite

Toolcase

dia - Audacity - Teamviewer - Libav
bazaar - prtg - monit
The Gimp - Inkscape - canva
libreoffice - firefox - samcast

Linux stack

Debian - Mint - bash - gawk - grep
tre-agrep - sed - expect - emacs
bind9 - shorewall fail2ban

Mail + cloud stack

roundcube - postfix - dovecot -
nextcloud - amavis - clamav -
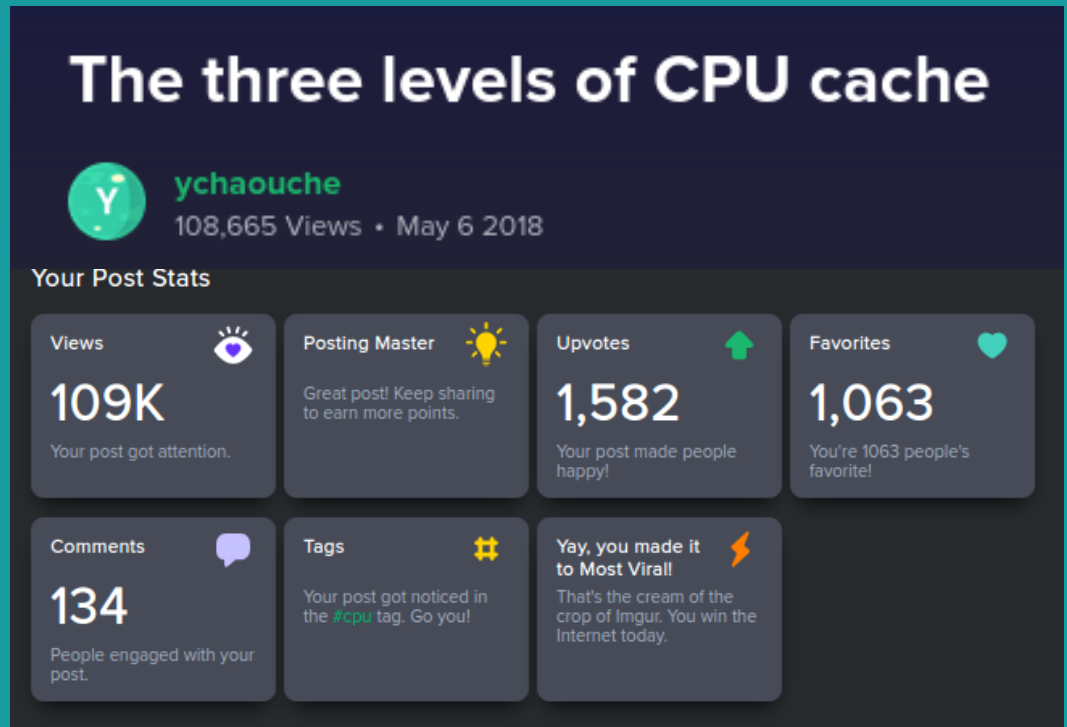thunderbird - K9-mail -
spamassassin - Sieve - OpenDKIM

PYTHON

top 15% on linkedin
top 10% on stackoverflow
top 2% on pluralsight

TECHNICAL WRITING

Author of "The three levels of CPU Cache" which reached 100K views on imgur.

https://imgur.com/gallery/aBKD0Fv

Author of an apperciated diagram explaining how SSL works "An SSL conversation between computer and server"

https://imgur.com/gallery/5T2fJsG/

```
<IRC LOG>
**** BEGIN LOGGING AT Thu Aug  9 16:24:01 2018
16:24:01 * Now talking on #emacs
16:37:58 <average> ychaouche:
http://i.imgur.com/5T2fJsG.png
16:38:04 <average> ychaouche: you made this dude?
wow.. nice
16:38:46 <ychaouche> ah, yes :)
16:39:16 <average> dude that is amazing
16:39:31 <average> people should contribute to that
to increase public understanding of SSL
16:39:36 <average> that's like one of the best ways to
explain it
16:42:19 <python476> nice sequence diagram
16:42:27 <python476> maybe the only time i find uml
useful
16:42:29 <python476> :cough:
16:43:15 <jlf>  ychaouche: nice work!
16:43:38 <siraben> ychaouche: Looks great!
16:43:56 <jlf>  now do 802.1x :p
16:44:12 <siraben> ychaouche: There are a couple of
typos here and there, but otherwise the main
message is communicated clearly.
```

12 ▲ This should have been the accepted answer. @Eli Courtwright's answer is way to short imho to
    ⚑ understand how certificates work. – Felix Crazzolara Jun 1 '18 at 8:41

    ▲ Reading this once might not be enough, but if you're already familiar with bits and pieces of SSL, this
    ⚑ really brings everything together. Nice job! – Cameron Gagnon Jan 10 '19 at 22:15

2   ▲ Fantastic image. Finally something that explains my questions. Everywhere I go to go in depth just said
    ⚑ "the browser verifies the certificate is right". BUT HOW DOES IT DO THAT?. This gives an answer.
        – ori6151 Apr 13 '20 at 23:31

1   ▲ Glorious answer thanks a ton!!!! i dont even care if it leaves out some details, it to my knowledge
    ⚑ completely captures all important steps. – Muhammad Umer Oct 20 '20 at 20:56

    ▲ This is gold. It answers What? Why ? How? and that's what a newbie wants from stack overflow. – Allan
    ⚑ Sep 19 at 12:57

Add a comment

▲ mate I loved your diagram. Do you mind if I translate to my own language ? (portuguese). Very clear
⚑ without touching in it in many details like modulus and all the math jargon. – iwaduarte Feb 6 '20 at 18:09

An SSL conversation between Computer and Server   [Next Post >]
by ychaouche Mar 8 2016

SuperCynic 5 pts Mar 8 2016 •••
+1 for informative post.

WYVAUWCHU 3 pts Sep 13 2018 •••
Was looking at a bunch of articles and luckily came across this. You explained this the best! Amazing
teaching skills! Loved it!
+ 1 reply

Chiccuz via Android ▢ 3 pts Mar 8 2016 •••
TL; DR

sownit via Android ▢ 2 pts Sep 14 2020 •••
This is extremely informative! Sincere thanks! 😊

stovku via iPhone ▢ 2 pts Sep 6 2020 •••
Thanks for making this image

arewedonewithphrasing via Android ▢ 2 pts Mar 8 2016 •••
Interesting post but almost impossible to read

sufigotit 1 pt Apr 23 2019 •••
You explained it better than everyone else online. Thank you so much for such a great explanation .
Excellent.   ↩
                                                                                Reply
+ 1 reply

playdoh72 1 pt Aug 29 2018 •••
Nice breakdown for the muggles. =-)